

YUJI TABATA

Software Engineer

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in yuji-tabata

EXPERIENCE

Software Engineer

SoftBank Corp.

Apr. 2018 – Ongoing

Tokyo, JAPAN

- Leading the development of a new feature of SoftBank's employee mobile app: coordinating the work of 4 different teams.
- Migrated GitLab, Kanboard (a Kanban tool), and other server software from on-premises servers to Google Cloud Platform: mostly using Google Kubernetes Engine.
- Designed and built a check-in system for shuttle buses.
- Developed PC usage monitoring software, which sends the information of currently active windows to the server.
- Built a web dashboard for smart CCTVs.
- Demonstrated a web conferencing system to over 200 engineers at a tradeshow in Cambridge, UK.

Intern

Cyber Defence Institute, Inc.

Jun. 2017

Tokyo, JAPAN

- Wrote a fuzzing tool for MQTT servers to find a security hole.
- Leaned about practical computer security.

EDUCATION

M.S. in Information Science

Tohoku University

Apr. 2016 – Mar. 2018

Sendai, JAPAN

- Researched the safety of messaging protocols.
- Studied the mathematical foundation of modern cryptography.

B.E. in Computer Science

Tohoku University

Apr. 2012 – Mar. 2016

Sendai, JAPAN

- Researched the methods of computer program verification.
- Studied the logics and the theory of computation.

CERTIFICATES

Certified Kubernetes Application Developer

Oct. 2019

Cloud Native Computing Foundation

Applied Information Technology Engineer

Jun. 2014

Information-Technology Promotion Agency, Japan

SUMMARY

I am a dexterous software engineer with a lot of ground-up software development experience on a wide variety of platforms. I design systems with a bird's-eye view and lead the whole development process.

SIDE PROJECTS

Bluetooth-Controlled Car

 Video  iOS app  Arduino


Control a toy car with your iPhone


NFC Candy Dispenser Machine


 Video  Arduino

Scan an NFC tag to get candies

FUN FACTS

 "Emotenashi" Instant Drawing Club
Drew hundreds of people at events.

 Survival in India for 2 Weeks
Robbed of everything on day 1 except for my passport and a flight ticket.

 Shakespeare Company Japan
Performed as an actor in many places including Tokyo and tsunami-hit areas.

SKILLS

Project Leadership

System Design

GCP

Firebase

Docker

Kubernetes

Web

iOS

Android

Arduino

Linux

macOS

Windows

Spring

Django

Actix

React

Swift

Kotlin

Java

Go

Python

TypeScript

JavaScript

C

C#

Rust

Shell

Lisp

Haskell

LANGUAGES

Japanese
English
Mandarin
Spanish

